

WHAT IS CLAIMED IS:

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1. A method of managing control
information in a control information management
server that collectively manages control information
for controlling control objects, the method
10 comprising the steps of:

producing the control information in
compliance with an instruction from a user;

collecting alteration information for
altering the control information;

15 altering the control information based on
the alteration information; and

controlling the control an object in
accordance with the altered control information.

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2. The method as claimed in claim 1,
wherein the control information altering step
25 includes the step of:

collecting alteration information that is
necessary for altering the control information;

requesting for permission to alter the
control information after notifying a user that the
30 control information needs to be altered based on the
collected alteration information; and

altering the control information upon
receipt of the permission from the user.

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3. The method as claimed in claim 1,
wherein the control object controlling step includes
the steps of:

5 requesting for permission to alter the
control information after notifying the user that
the control information be transmitted to the
control object; and

10 transmitting the control information to
the control object upon receipt of transmission
permission from the user.

15 4. The method as claimed in claim 1,
further comprising the step of notifying the user of
an abnormal state of the control object, when no
control information reception acknowledgement is
sent from the control object after the transmission
20 of the control information to the control object.

25 5. A method of managing control
information in a control information management
server that collectively manages control information
used for controlling a control object, the method
comprising the steps of:

30 producing the control information in
accordance with an instruction from a user;
collecting check information for checking
a control condition contained in the control
information;

35 checking whether or not the control
condition is satisfied based on the check
information; and

controlling a control object in accordance with the control information based on a check result of the control condition.

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6. A method of controlling a control object in a control object controlling device that controls a control object in accordance with control information, the method comprising the steps of:

collecting alteration information for altering the control information on a transmission side;

15 receiving the control information altered based on the alteration information;

selecting a control object corresponding to the received information; and

controlling the selected control object in accordance with the received control information.

25 7. A method of controlling a control object in a control object controlling device that controls a control object in accordance with control information, the method comprising the steps of:

collecting check information for checking a control condition contained in the control information on a transmission side;

receiving the control information transmitted in accordance with a check result by the check information;

35 selecting a control object corresponding to the received control information; and

controlling the selected control object in

accordance with the received control information.

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8. A recording medium that can be read by a computer and stores a program for enabling a computer to perform an operation in a control information management server that collectively manages control information for controlling a control object, the program comprising:

a control information producing procedure for producing the control information in compliance with an instruction from a user; and

a control information alteration procedure for collecting alteration information used for altering the control information, and alters the control information in accordance with the alteration information.

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9. A recording medium that can be read by a computer and stores a program for enabling a computer to perform an operation in a control information management server that collectively manages control information for controlling a control object, the program comprising:

a control information producing procedure for producing the control information in compliance with an instruction from a user; and

a control condition check procedure for collecting check information for checking a control condition contained in the control information, and checks whether or not the condition is satisfied based on the check information,

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the program controlling the control object in accordance with the control information based on a check result of the control condition.

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10. A recording medium that can be read by a computer and stores a program for enabling a computer to perform an operation in a control object controlling device that controls a control object in accordance with control information, the program comprising:

15 a control information reception procedure for collecting alteration information for altering the control information on a transmission side, and receives the control information altered based on the alteration information;

20 a control procedure for selecting a control object corresponding to the received control information, and controls the selected control object in accordance with the received control information.

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11. A recording medium that can be read by a computer and stores a program for enabling a computer to perform an operation in a control object controlling device that controls a control object in accordance with control information, the program comprising:

30 a control information reception procedure for collecting check information used for checking a control condition contained in the control information on a transmission side, and receiving

the control information transmitted based on a check result by the check information; and

5 a control procedure for selecting a control object corresponding to the received control information, and controls the selected control object in accordance with the received control information.

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12. A control information management server that collectively manages control information for controlling a control object, the control
15 information management server comprising:

a control information producing unit that produces the control information in compliance with an instruction from a user; and

20 a control information alteration unit that collects alteration information for altering the control information, and alters the control information in accordance with the alteration information,

25 the control information management server controlling the control object in accordance with the control information.

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13. A control information management server that collectively manages control information for controlling a control object, the control information management server comprising:

35 a control information producing unit that produces the control information in compliance with an instruction from a user; and

a control condition check unit that
collects check information used for checking a
control condition contained in the control
information, and checks from the check information
5 whether or not the control condition is satisfied,
the control information management server
controlling a control object in accordance with the
control information based on a check result of the
control condition.

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14. A control information management
15 system that collectively manages control information
for controlling a control object, the control
information management system comprising:

a control information producing unit that
produces the control information in compliance with
20 an instruction from a user;

a control information alteration unit that
collects alteration information for altering the
control information, and alters the control
information in accordance with the alteration
25 information;

a control information transmission unit
that transmits the control information via a
network;

a control information reception unit that
30 receives the transmitted control information; and

a control unit that selects a control
object corresponding to the received control
information, and controls the selected control
object in accordance with the received control
35 information.

15. A control information management system that collectively manages control information for controlling a control object, the control information management system comprising:

5 a control information producing unit that produces the control information in compliance with an instruction from a user;

 a control condition check unit that collects check information used for checking a
10 control condition contained in the control information, and checks whether or not the control condition is satisfied based on the check information;

 a control information transmission unit
15 that transmits the control information via a network, based on a check result of the control condition;

 a control information reception unit that receives the transmitted control information; and

 a control unit that selects a control
20 object corresponding to the received control information, and controls the selected control object in accordance with the received control information.

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